

Title (en)
LIPIDS FOR EPIDERMAL MOISTURIZATION AND REPAIR OF BARRIER FUNCTION

Title (de)
Lipide zur epidermalen Befeuchtung und zur Wiederherstellung der Barrierefunktion

Title (fr)
LIPIDES POUR L'HUMIDIFICATION DE L'EPIDERME ET LA RESTAURATION DE LA FONCTION DE BARRIERE

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Abstract (en)
[origin: US5643899A] PCT No. PCT/US93/05798 Sec. 371 Date Feb. 27, 1995 Sec. 102(e) Date Feb. 27, 1995 PCT Filed Jun. 18, 1993 PCT Pub. No. WO94/00127 PCT Pub. Date Jan. 6, 1994 Disorders of the skin and mucous membrane that have a disrupted or dysfunctional epidermal barrier are treated or prevented by topical application of a formulation comprising certain of the three major epidermal lipid species or their structurally similar precursors, isomers, or analogs in certain proportion ranges. This invention utilizes the following lipid species in unique combinations of two or more components: cholesterol, an acylceramide, a ceramide, and essential and nonessential fatty acids. These combinations are effective both as moisturizing agents and agents for the restoration of barrier function. Some of these combinations are further enhanced by the addition of known moisturizers such as petrolatum and glycerine.

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